OXC 3541-62 Copy 5 of 5 23 May 1962

MEMORANDUM FOR: Acting Chief, DPD

SUBJECT

Communications Coordination Requirement

with SAC for Project OXCART

- 1. To facilitate the planning for communications support for both the advanced test phase, as well as the operations phase of Project OXCART, it is necessary that limison be accomplished with knowledgeable personnel in the SAC communications complex. It is impossible to discuss in detail through third parties on what we can expect or be able to depend on from SAC SSB networks or telephone systems.
- The problem can be divided into three categories; telephone, cable, and SSB radio communications. In the telephone coordination problem, both secure and standard, it is unknown at this time if entry into the SAC command net is feasible. This is necessary in order that Eielson AFB and for 25X1 example, can be reached via phone as they are not members of the DOD EY-9 network. Other such information is required so SPB would be properly advised.
- Patching facilities into SAC bases are required to support Project teams with secure communications (cable) to both Project Headquarters and the Area. The patching should prove to be no great problem, but space and what facilities are available at SAC bases are now unknown.
- 4. One of the most difficult problems involves the use of SAC SSB radio facilities at various bases throughout the world. Before the propagation study can be completed and a commo operations plan can be formulated to cover the article at all points required, much information is needed from SAC. This information includes locations and capabilities on their SSB stations, what propagation studies they have already done. and general information as to ways of working out procedures. for our requirement. We, at this point, are not sure we can cover all required areas with frequencies above 12 mc, which is the limit of the article's capability. It may then be necessary to precure, install, and man an SSB station somewhere to cover or augment the SAC capability. If it becomes necessary to do this, we are already behind schedule in our planning and augmentation of support facilities for the operational phase of the Project.59

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